

## REMARKS

The Examiner's Advisory Action of July 30, 2004 has been received and its contents reviewed. Applicants would like to thank the Examiner for the consideration given to the above-identified application.

Claims 1 and 75-96 were pending for consideration prior to the Amendment, as claims 2-74 have been previously cancelled. By the Amendment, new dependent claims 97-101 have been added. Accordingly, claims 1 and 75-101 are pending, of which claims 1 and 75-80 are independent. In view of the following remarks, reconsideration of this application is now requested.

Referring now to the Advisory Action, the Examiner continues to assert that Koyama specifies that the device is formed on the same substrate. The Examiner cites col. 3, line 57 of Koyama to support this assertion. In response, Applicants respectfully submit again that col. 3, line 57 describing the LCD 110 shown in Fig. 1 of Koyama and relied on by the Examiner cannot be used to determine that the claimed circuits are over the same substrate, as alleged by the Examiner. The reason is that col. 3, line 57 of Koyama reads as follows:

*Fig. 1 shows a correction system having a liquid crystal display (LCD) device according to an embodiment of the present invention. In Fig. 1, the correction system includes an LCD device 110 formed on a glass substrate (not shown) and correction information (correction data) producing device 100.*

Hence, Applicants respectfully assert that the Examiner improperly interprets the phrase "*an LCD device 110 formed on a glass substrate (not shown)*" in Koyama in an overly broad manner.

More specifically, although Koyama discloses an LCD device 110 formed on a glass substrate, Koyama does not disclose a substrate, non-volatile memory over the substrate, a pixel portion over the substrate, a source wiring driver circuit for driving the pixel portion over the substrate, a gate wiring driver circuit for driving the pixel portion over the substrate, and a correction circuit over the substrate, as recited in pending claim 75. Further, Koyama does not disclose a substrate, a non-volatile memory over the substrate, a pixel portion, a source wiring driver circuit for driving the pixel portion over the substrate, a gate wiring

driver circuit for driving the pixel portion over the substrate, and a memory controller circuit over the substrate for controlling the non-volatile memory circuit as recited in pending claim 76.

Further, as submitted in the Request for Reconsideration of July 19, 2004, Applicants respectfully reiterate again that Fig. 1, showing a high level diagram, does not disclose any specific support for the Examiner's assertion. It is clearly stated in Koyama that an LCD device 110 formed on a glass substrate that is explicitly stated as not shown. Therefore, it would not be possible for the Examiner to conclude that Koyama anticipates a substrate, non-volatile memory over the substrate, a pixel portion over the substrate, a source wiring driver circuit for driving the pixel portion over the substrate, a gate wiring driver circuit for driving the pixel portion over the substrate, and a correction circuit over the substrate as recited in pending claim 75.

Similarly, based on Fig. 1 and the disclosure in col. 3, line 57 of Koyama, it would not be possible for the Examiner to conclude that Koyama anticipates a substrate, a non-volatile memory over the substrate, a pixel portion, a source wiring driver circuit for driving the pixel portion over the substrate, a gate wiring driver circuit for driving the pixel portion over the substrate, and a memory controller circuit over the substrate for controlling the non-volatile memory circuit as recited in pending claim 76.

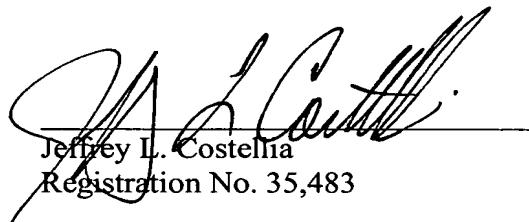
Still further, as previously submitted in the Request for Reconsideration of July 19, 2004, Applicants respectfully assert that the Examiner is erroneous in contending that 110 is a substrate, when in fact, element 110 is a LCD device (see col. 4, line 15 of Koyama).

New dependent claims 97-101 have been added to further complete the scope to which Applicants are entitled.

In view of the amendments and arguments set forth above, and in view of the arguments presented in the Request for Reconsideration of July 19, 2004, which is incorporated by reference, Applicants respectfully request reconsideration and withdrawal of all the pending rejections.

While the present application is now believed to be in condition for allowance, should the Examiner find some issue to remain unresolved, or should any new issues arise, which could be eliminated through discussions with Applicants' representative, then the Examiner is invited to contact the undersigned by telephone in order that the further prosecution of this application can thereby be expedited.

Respectfully submitted,



Jeffrey L. Costello  
Registration No. 35,483

NIXON PEABODY LLP  
Suite 900, 401 9<sup>th</sup> Street, N.W.  
Washington, D.C. 20004-2128  
(202) 585-8000